PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Rajiv Shah, et al.

Examiner:

Not yet assigned

Serial No.:

10/035,918

Group Art Unit:

1284

Filed:

December 28, 2001

Docket No.:

047711-0293

Title:

METHOD FOR FORMULATING A GLUCOSE OXIDASE ENZYME WITH A DESIRED PROPERTY OR PORPERTIES AND A GLUCOSE

OXIDASE ENZYME WITH THE DESIRED PROPERTY

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on August 12, 2002.

sy: any Ann

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed PTO/SB/08 Form are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the issuance of a first Office Action in the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed PTO/SB/08 Form.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed PTO/SB/08 Form is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or

otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached PTO/SB/08 Form, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge fees, if any, to Deposit Account No. 50-0872.

Respectfully submitted

Dated: August 12, 2002

Ted R. Rittmaster

Reg. No.: 32,933 Initials: TRR/atc

FOLEY & LARDNER 2029 Century Park East Suite 3500 Los Angeles, CA 90067-3021

Tel.: (310) 277-2223 Fax: (310) 557-8475

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

number. 015.547458v1

Substitute for form 1449B/PTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: August 12, 2002

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known					
Application Number	10/035,918				
Filing Date	December 28, 2001				
First Named Inventor	Rajiv Shah				
Group Art Unit	1284				
Examiner Name	Not Yet Assigned				
Attorney Docket Number	047711-0293				

				U.S. PATENT DOCUMENTS	5	-
Examiner Initials	Cite No.1	U.S. Patent	Document Kind Code ² (if	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	67		known)			- igures / tpbea.
	1-1	4,240,438		Updike et al.	12/23/1980	
U6 1 5 21		4,479,796		Kallok	10/30/1984	
		4,484,987		Gough	11/27/1984	
	St.	4,568,335		Updike et al.	02/04/1986	
MATT A TE		4,628,928		Lowell	12/16/1986	•
		4,650,547		Gough	03/17/1987	
		4,703,756		Gough et al.	11/03/1987	
		4,757,022		Shults et al.	07/12/1988	
		4,771,772		DeWitt	09/20/1988	
		4,890,620		Gough	01/02/1990	
		4,911,168		Davis	03/27/1990	
		4,994,167		Shults et al.	02/19/1991	
		5,094,951		Rosenberg	03/10/1992	
		5,266,688		Rosenberg	11/30/1993	
		5,328,460		Lord et al.	07/12/1994	
		5,497,772		Schulman et al.	03/12/1996	
		5,534,025		Moussy	07/09/1996	
		5,593,852		Heller et al.	01/14/1997	
		5,660,163		Schulman et al.	08/26/1997	
		5,667,983		Abel et al.	09/16/1997	
		5,696,314		McCaffrey et al.	12/09/1997	
		5,707,502		McCaffrey et al.	01/13/1998	
		5,711,868		Maley et al.	01/27/1998	
		5,728,281		Holmstrom et al.	03/17/1998	
		5,741,211		Renirie et al.	04/21/1998	
		5,741,319		Woloszko et al.	05/21/1998	
		5,770,028		Maley et al.	06/23/1998	
		5,773,270		D'Orazio et al.	06/30/1998	
		5,791,344		Schulman et al.	08/11/1998	
		5,804,048		Wong et al.	09/08/1998	
		5,914,245		Bylina et al.	06/22/1999	
		5,919,216		Houben et al.	07/06/1999	
		5,932,175		Knute et al.	08/03/1999	
		5,941,906		Barreras, Sr., et al.	08/24/1999	
		5,965,380		Heller et al.	10/12/1999	
		5,985,129		Gough et al.	11/16/1999	
		5,992,211		Skrtic	11/30/1999	
		6,001,067		Shults et al.	12/14/1999	
		6,001,586		Schellenberger	12/14/1999	

Examiner	Date ·	,
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

number. 015.547458v1

Sheet,

Substitute for form 1449B/PTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: August 12, 2002

(use as many sheets as necessary)

Complete if Known					
Application Number	10/035,918				
Filing Date	December 28, 2001				
First Named Inventor	Rajiv Shah				
Group Art Unit	1284				
Examiner Name	Not Yet Assigned				
Attorney Docket Number	047711-0293				

)	CBI	U.S. PATENT DOCUM	ENTS	
AUG 1 5 208	3.4		·	
	6,002,954	Van Antwerp et al.	12/14/1999	
7. PARC	6,027,479	Alei et al.	02/22/2000	
390 mg	6,049,727	Crothall	04/11/2000	
	Des. 424,696	Ray et al.	05/09/2000	
	Des. 426,638	Ray et al.	06/13/2000	
	6,074,860	Robertson et al.	06/13/2000	
	6,093,167	Houben et al.	07/25/2000	
	6,103,033	Say et al.	08/15/2000	
	6,120,676	Heller et al.	09/19/2000	
	6,122,536	Sun et al.	09/19/2000	
	6,125,290	Miesel	09/26/2000	
	6,125,291	Miesel et al.	09/26/2000	·
	6,134,459	Roberts et al.	10/18/2000	
	6,135,978	Houben et al.	10/24/2000	
	6,144,866	Miesel et al.	11/07/2000	
	6,159,240	Sparer et al.	12/12/2000	
	6,162,611	Heller et al.	12/19/2000	
	6,162,640	Wohlstadter	12/19/2000	
	6,163,723	Roberts et al.	12/19/2000	
	6,171,810 B1	Zhu	01/09/2001	
	6,174,673 B1	Short et al.	01/16/2001	
	6,175,752	Say et al.	01/16/2001	
	6,198,952	Miesel	03/06/2001	
	6,201,980	Darrow et al.	03/13/2001	
	6,204,029 B1	Withers et al.	03/20/2001	
	6,238,884	Short et al.	05/29/2001	,
	6,248,080	Miesel et al.	06/19/2001	
	6,251,260	Heller et al.	06/26/2001	
	6,261,280	Houben et al.	07/17/2001	
	6,268,161	Han et al.	07/31/2001	

FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cit e No	Office	Number	nt Code ⁵ nown)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
			-							
	 	DE	39251400 A1		Kalisz et al.	07.02.91				
		wo	99/51777		Lerner	14.10.99				
		wo	99/34212		Helling	08.07.99				
		wo	01/01851 A1		Van Antwerp et al.	11.01.2001				

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. 015.547458v1

TOUY I					
Substitute for form 14	49B/PTO		Complete if Known		
FORMATION DISC	LOSURE	Application Number	10/035,918		
ATEMENT BY AP	PLICANT	Filing Date	December 28, 2001		
		First Named Inventor	Rajiv Shah		
e Submitted: Augu	st 12, 2002	Group Art Unit	1284		
		Examiner Name	Not Yet Assigned		
		Attorney Docket Number	047711-0293		
	FORMATION DISC FATEMENT BY AP e Submitted: Augu as many sheets as	FORMATION DISCLOSURE ATEMENT BY APPLICANT e Submitted: August 12, 2002 as many sheets as necessary)	FORMATION DISCLOSURE FATEMENT BY APPLICANT e Submitted: August 12, 2002 as many sheets as necessary) Application Number Filing Date First Named Inventor Group Art Unit Examiner Name	FORMATION DISCLOSURE FATEMENT BY APPLICANT E Submitted: August 12, 2002 as many sheets as necessary) Complete if Known Application Number Filling Date December 28, 2001 First Named Inventor Group Art Unit 1284 Examiner Name Not Yet Assigned	

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cit e No	Office	Foreign Patent Do	ocument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
		WO_	01/88110 A1		Arnold et al.	22.11.2001			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Initials* No. 1 No						
		Affholter, Joseph, et al., ENGINEERING A REVOLUTION, chembytes e-zine, April 1999					
		·					

Examiner Signature	Date Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸Applicant is to place a check mark here if English language Translation is attached.